

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	325	(706/16).CCLS.	USPAT; USOCR	OR	OFF	2007/12/05 17:26

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1671	convolution\$3 decod\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:35
L2	34993	neural network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:36
L3	166834	training	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:36
L4	249	(input-output or input output) difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:37
L5	65591	recurrence or recurrent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:38
L6	473	error backpropagation or error back propagation or error-backpropagation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:39
L7	4861	error backpropagation or error back propagation or error-backpropagation or error backprop or back propagation or backpropagation or backprop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:40

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L8	0	1 with 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:40
L9	0	1 same 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:41
L10	1	1 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:44
L11	3	1 with 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:44
L12	3	1 same 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:56
L13	557029	decod\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:56
L14	406	2 with 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 15:57

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L15	7	14 with 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/05 16:24
L16	1	("6052349").PN.	USPAT; USOCR	OR	OFF	2007/12/05 16:55
L17	1	("5168551").PN.	USPAT; USOCR	OR	OFF	2007/12/05 16:55
S1	2	(("5548684") or ("6734385")).PN.	USPAT; USOCR	OR	OFF	2007/12/05 13:08
S2	3	(("5548684") or ("6734385") or ("4972473")).PN.	USPAT; USOCR	OR	OFF	2007/12/05 13:09

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Scholarly articles for +neural +network +convolutional +decoder +(recurrence OR recurrent OR feedback) +training +difference +(comparison OR comparator)



An artificial neural net Viterbi decoder - Wang - Cited by 15

Theory and application of neural networks for 1/n rate ... - Berber - Cited by 5

Tail-recursive Distributed Representations and Simple ... - Kwasny - Cited by 37

A novel **Decoder** Structure for **Convolutional** Codes based on a ...
 training sets are used. The **network** is first trained For **comparison**, a. MAP decoder
 based on a ... efficient **neural** decoder for **convolutional** co- ...
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task of a **convolutional** **decoder** can be described, as the mapping of the sequence of
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Neural networks decoder - Patent 20040220891

A method of **training** a **neural** **network** to perform decoding of a ... invention allows
 parameter data defining a **convolutional** **decoder** to be transmitted to a ...
www.freepatentsonline.com/20040220891.html - 57k - Cached - Similar pages

EP904649 Motorola european software patent - Msle decoder with ...

EP904649 Motorola ltd (GB): Msle decoder with **neural** **network** Msle-dekoder mit
 neuronalnetzwerk ... 1 is a representation of a prior art **convolutional** coder. ...
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Artificial neural network viterbi decoding system and method - US ...

1990, that the **neural** **network** decoding system with **training** is limited to very small codes
 like the Hamming code and **convolutional** codes with constraint ...
www.patentstorm.us/patents/5548684-description.html - 66k - Cached - Similar pages

ScienceDirect - Engineering Applications of Artificial ...

A **recurrent** **neural** **decoder** for **convolutional** codes. ... A generalised framework for
convolutional decoding using a **recurrent** **neural** **network**. ...
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Speech Communication : Dynamic behaviour of connectionist speech ...

2 that shows how the dynamic properties of the **neural** **network** can the performance of
 the **decoder**, but rather in ruling out from the **comparison** factors ...
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[PDF] FPGA Prototyping of RNN Decoder for Convolutional Codes

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decoder using system-level design spec- ...
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as questionable whether the **neural network** must try to optimize ...
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Error. 8.1. 8.3. 9.5. 7.5. MLP. MLP. RNN. RNN. Figure 1. Comparison of acoustic front
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"Neural Network Based Equalization". In: Adaptive Wireless ...
recurrent neural network. [253]. distinguishes itself from equaliser using the **error back**
propagation algorithm has a slower convergence rate than the ...
doi.wiley.com/10.1002/047084776X.ch8 - Similar pages

[PDF] Technical Report CAIP-TR-234 A NEURAL NETWORK SYSTEM FOR ROBUST ...
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For this purpose, a system of microphone array and **neural network** (MANN) has The
error back-propagation algorithm [34] can still be used with the ...
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467475 **error feedback**, 1031 ERS- 1 satellite, 641 estimation, ...
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of feedback. Several recurrent networks have already been proposed for speech
recognition. P.J. Pineda, "Generalisation of backpropagation to recur- ...
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